

MILITARY SPECIFICATION SHEET

ELECTRON TUBE, MAGNETRON

TYPE 6517

This amendment forms a part of Military Specification Sheet MIL-E-1/1315D dated 1 April 1977, and is approved for use by all Departments and Agencies of the Department of Defense.

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After Note 8 add Note 9 through Note 19 as follows:

NOTES: Continued

9. This .625 - 24 (must accept go thread pitch diameter gage only) major diameter not to be less than .6145 (15.61 mm). Dimensions herein are in inches.
10. Bushing temperature.
11. Anode temperature.
12. Tuner temperature.
13. Common cathode connection.
14. Heater connection.
15. All solder joints or output and oil sealing flanges to provide a hermetic seal.
16. These surfaces to be coplaner within .025 (.635 mm).
17. A double diameter plug gauge 1.260 (32.00 mm) O.D. .925 (23.50 mm) I.D. with .0625 (1.59 mm) X 45 seconds chamfer on the O.D. shall pass over the cathode terminal and drop a minimum .125 (3.18 mm) below the surface indicated.
18. A hole on the upper corona shield of the cathode bushing to be used for heater adapter orientation shall lie within 2 degrees of a plane passing through the center of the cathode bushing and the centerline of the output.
19. Oil vent pipe termination mates with Wiggins P/N P1705. A Wiggins P/N P1705 connector, or equal, with threaded oil-tight cap, shall be installed on each tube when delivered by manufacturer.

Custodians:

Army - EL
Navy - EC
Air Force - 85

Preparing activity:

Air Force - 85

Review activities:

(Project No. 5960-3162)

Air Force - 99

☆U.S. GOVERNMENT PRINTING OFFICE: 1977-703-020/4230

User activities:

Navy - AS, OS, MC, CG, SH